



# GOAL LINE VENTURES

Driven by Excellence, Defined by Vision





## ABOUT US

GOAL LINE VENTURES, is globally trusted name in the design and manufacturing of advanced products for underground mining and tunneling operations. With a commitment to innovation, durability, and performance, we deliver solutions that help shape the foundations of tomorrow—safely, efficiently, and sustainably.

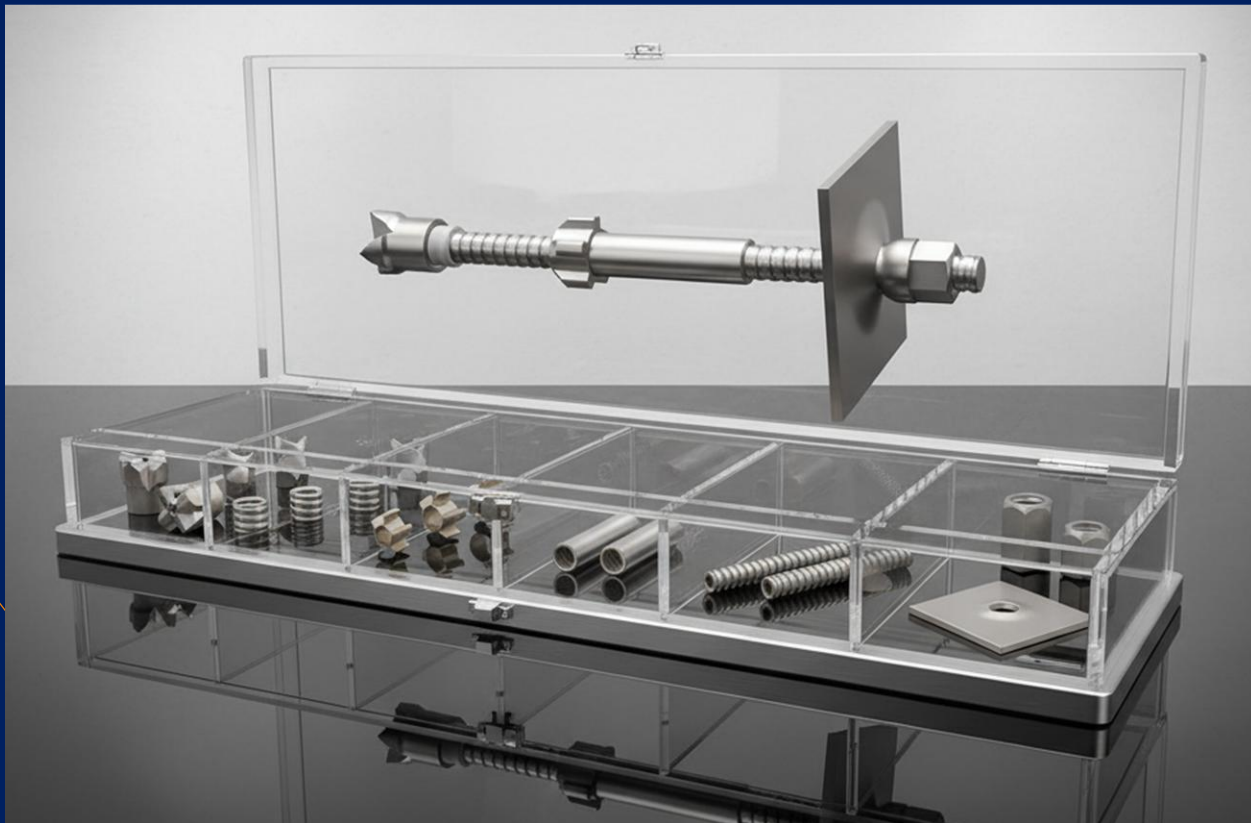
Founded with a vision to transform underground construction activities, we leverage cutting-edge technologies to boost productivity, enhance safety, and ensure reliability for mining operations, Slope Stabilization, tunnel projects, and civil infrastructure works worldwide. Our extensive portfolio includes *Rock Bolts, Wire Maze, Pipe Roofing System, Self-Drilling Anchor Systems*, and a wide range of anchor bolt components such as *threaded rolls, anchor adapters, drilling bits, couplers, coil rods, tie rods, hollow bars, and nuts*—customized to meet the unique requirements of our clients. Having supplied thousands of underground machines to both national and international markets, we have earned the trust and appreciation of industry leaders for our engineering expertise, high-quality manufacturing, and unmatched after-sales support. Our team brings decades of technical knowledge, hands-on experience, and a long-term perspective to every project, ensuring that our partners achieve their goals profitably and with confidence. At GOAL LINE VENTURES, we don't just manufacture products—we deliver solutions that work underground, where performance matters most.



# OUR MISSION AND VISION

At GOAL LINE VENTURES, our mission is to deliver innovative, reliable, and sustainable solutions for the underground mining and tunnelling industry—enhancing productivity, improving safety, and adding long-term value to every project. We put our clients' requirements at the heart of everything we do, providing exceptional service, advanced engineering, and top-quality products that meet the highest standards. With continuous improvement and a focus on the latest technologies, we ensure our customers can build with confidence, efficiency, and precision, even in the most challenging environments.

Our vision is to be the world's most trusted leader in underground mining and tunnelling solutions, recognized for our engineering excellence, cutting-edge technologies, and unwavering commitment to safety. We aim to set new global benchmarks in performance, durability, and sustainability—empowering our partners to construct the foundations of tomorrow with greater ease, assurance, and lasting success.



# SELF DRILLING ANCHOR SYSTEM

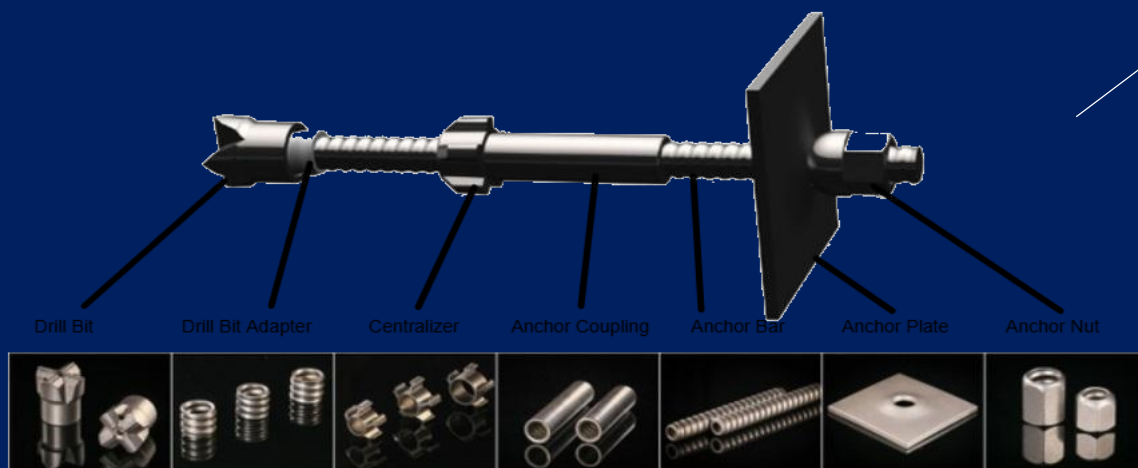
GOAL LINE VENTURES, is specialize in advanced Self-Drilling Anchor Bolt (SDA) systems—modern ground support solutions designed for maximum efficiency and reliability in challenging underground conditions. Unlike traditional anchor bolts, SDAs integrate drilling, grouting, and anchoring into a single streamlined process, eliminating the need for pre-drilling and reducing installation time and cost.

Our hollow bar anchor system features a threaded steel rod with a sacrificial drill bit, enabling debris removal during drilling and immediate grout injection afterward. This ensures a full-length bond between the rod and surrounding ground, delivering superior stability. Couplers extend anchor length for deeper applications, while bearing plates and nuts provide the necessary tension for secure reinforcement.

Engineered for uncompromising performance, SDAs excel in unstable ground such as soft rock, sand, gravel, and fractured formations. They are widely used for tunnelling, slope stabilization, and underground mining, providing both temporary and permanent structural support. Whether securing a tunnel face, stabilizing an embankment, or reinforcing mine walls, our SDA systems deliver

## Self-Drilling Anchor Variants

Self-drilling anchors (SDAs) are not a one-size-fits-all solution. They are specialized components with different variations designed to perform optimally in specific geological conditions and for different project needs. The primary variations can be categorized by their thread type, material, and the type of drill bit used.





## Drill Bits

Type	Description
EX	Hardened cross bit for loose to medium dense ground condition.
EXX	TC cross bit for soft to medium rock formations.
ESF	Hardened button bit for unconsolidated rock with boulders.
ESSF	TC button bit for medium rock formations.



## Anchor Rods/ Anchor Bars/ Hollow Threaded Bars

Type	Unit	R 25N	R 32L	R 32N	R 32S	R38 N	R51 L	R51 N	T 76N	T 76S
Outer Diameter	mm	25.00	32.00	32.00	32.00	38.00	51.00	51.00	76.00	76.00
Inner Diameter	mm	14.00	22.00	20.00	18.5	22.00	36.00	33.00	51.00	47.00
Ultimate Load	kN	200	260	280	360	500	550	800	1600	1900
Yield Load	kN	150	200	230	280	400	450	630	1200	1500



## Anchor Couplers

Type	Unit	R 25N	R 32L	R 32N	R 32S	R38 N	R51 L	R51 N	T 76N	T 76S
Outer Diameter	mm	36	42	42	42	52	63	63	95	95
Length	mm	150	145	160	190	220	140	200	200	220



## Anchor Nuts

Type	Unit	R 25N	R 32L	R 32N	R 32S	R38 N	R51 L	R51 N	T 76N	T 76S
Key Size	mm	41	46	46	46	50	75	75	100	100
Length	mm	35	45	45	65	60	70	70	80	80

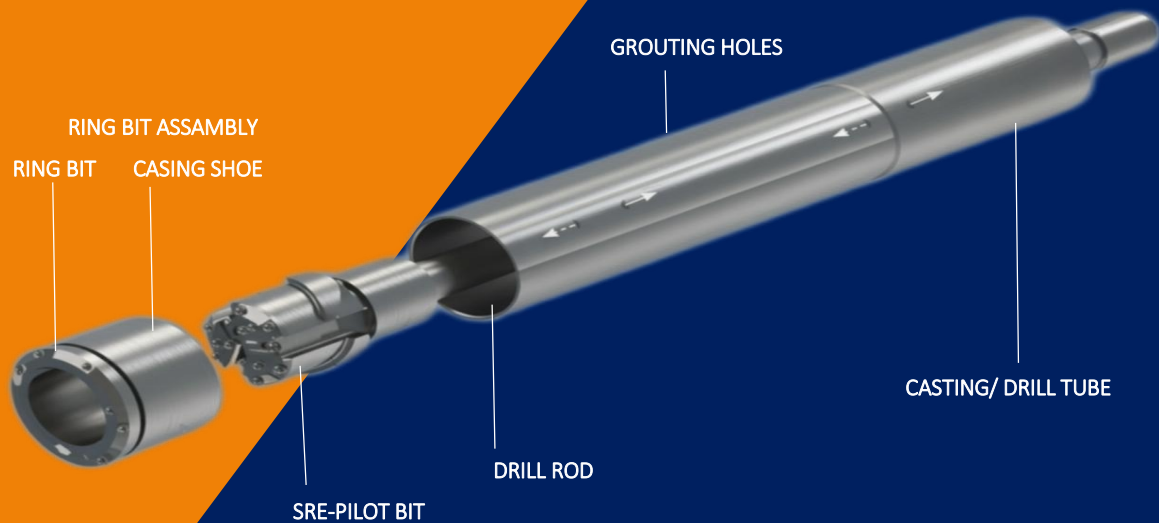


## Anchor Plates

Type	Unit	R 25N	R 32L	R 32N	R 32S	R38 N	R51 L	R51 N	T 76N	T 76S
Dimension	Mm	150x150	200x200	200x200	200x200	200x200	200x200	200x200	200x200	200x200
Thickness	mm	8	10	10	12	12	30	40	40	40
Length	mm	30	35	35	35	41	60	60	80	80

# PIPE ROOFING SYSTEM

The Pipe Roofing System is an advanced pre-support solution used in tunneling and underground construction to stabilize weak or fractured ground ahead of excavation. It consists of steel pipes installed with a Pilot Bit and a Ring Bit Set, enabling precise drilling and secure pipe placement even in challenging ground conditions. The Pilot Bit guides the drilling process, while the Ring Bit cuts through soil and rock, allowing the pipe to advance smoothly. Once in place, the system provides a protective canopy that significantly enhances safety, prevents collapses, and ensures continuous tunneling operations. Pilot Bit, Ring Bit Set. offers systems with pipe diameters ranging from 76.1 to 139.7 mm and wall thickness ranging from 6.3 to 10.0 mm.



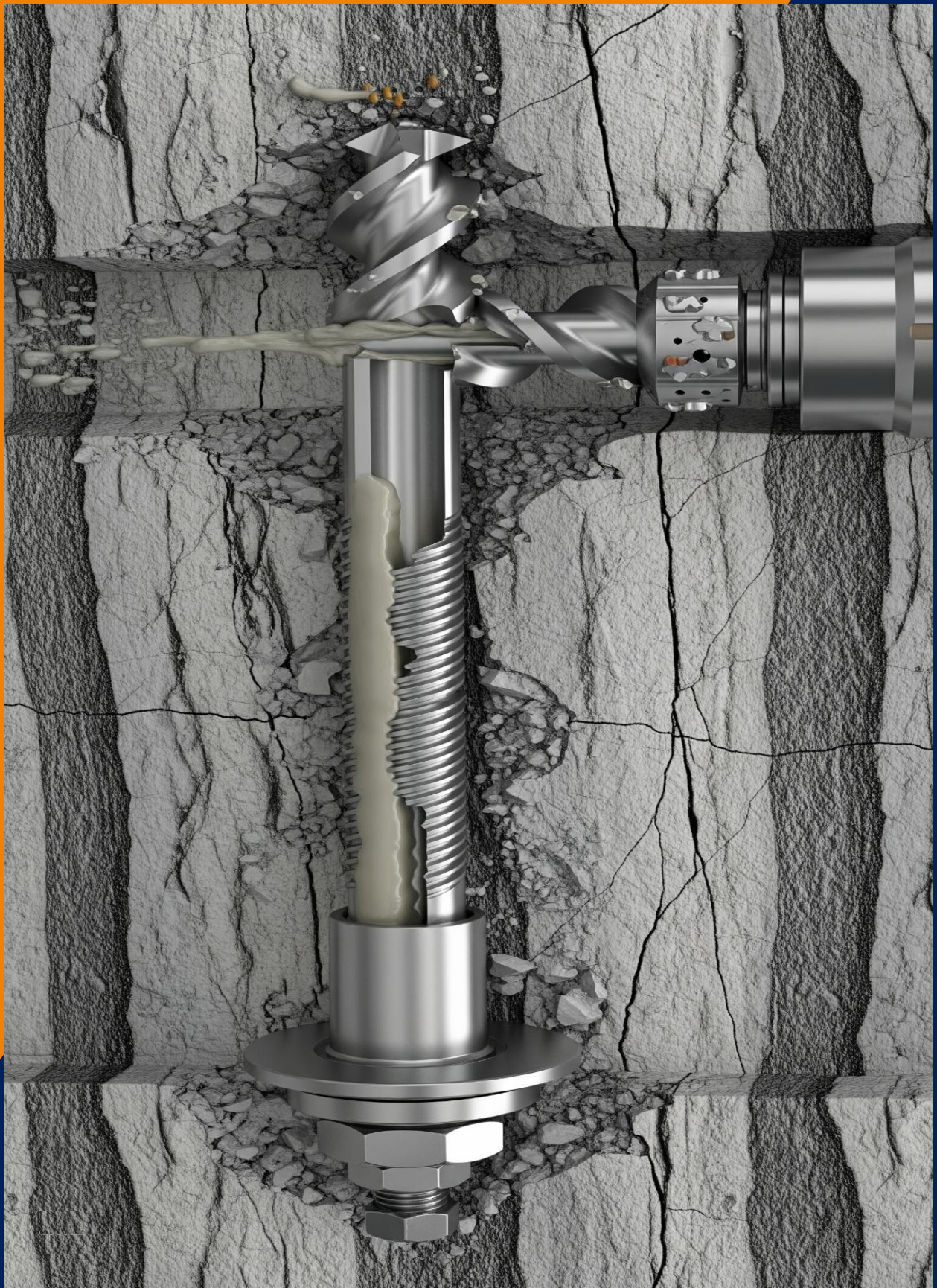
EN 10025	DIN 17100	Yield Min. (N/mm2)	Tensile Strength (N/mm2)	Elongation Min. (%)	C Max	Mn Max	P Max	S Max	SI Max
S355	St 52-3	355	490 - 630	22	0.2	1.6	0.035	0.035	0.55



## Wire Maze

The Wire Maze is a key accessory for Self-Drilling Anchor (SDA) systems, designed to improve grout flow and ensure even distribution around the anchor rod. Positioned on the hollow bar, it creates controlled turbulence during grouting, enhancing the bond between the anchor and surrounding ground. This simple yet effective component increases anchoring efficiency, stability, and durability, making it essential for tunneling, mining, and slope stabilization applications.









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*Thank You.*

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